Date: November 5, 2004

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By: Gina Simon

NEV 0 5 2004 TRADENMEN

PATENT Customer No. 22,852 Attorney Docket No. 04121.0165-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re Application of: | |
|----------------------------------|----------------------------------|
| Ronda M. Allen et al. | Group Art Unit: 1654 |
| Application No.: 09/648,641 |) Examiner: Michael V. Meller |
| Filed: August 25, 2000 |) Confirmation No. 5632 |
| For: METHODS FOR PURIFYING DNA) |))) |

Mail Stop RCE Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

Applicants now respond to the Final Office Action ("Final Action") mailed January 12, 2004. Applicants request reconsideration and withdrawal of all outstanding rejections. Applicants filed an Amendment and Response to the Final Action on April 12, 2004. An Advisory Action was mailed on June 1, 2004, indicating that that Amendment and Response was not entered. Applicants filed a Notice of Appeal on July 8, 2004. The present Amendment and Response is being filed with a Request for Continued Examination (RCE). A Petition for Two Month Extension of Time and the requisite fee are filed herewith.

Applicants respectfully request entry of the following amendments and consideration of the following remarks.

Amendments to the Claims are reflected in the listing of claims in this paper at pages 3-7.

Replacement drawings are discussed at page 8.

Remarks/Arguments follow the amendments section of this paper at page 9.